

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887]

RRID:AB_10862154

Type: Antibody

Proper Citation

Abcam Cat# ab109464, RRID:AB_10862154

Antibody Information

URL: http://antibodyregistry.org/AB_10862154

Proper Citation: Abcam Cat# ab109464, RRID:AB_10862154

Target Antigen: Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunoprecipitation; Western Blot; IP, WB

Antibody Name: Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887]

Description: This monoclonal targets Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887]

Target Organism: rat, mouse, human

Antibody ID: AB_10862154

Vendor: Abcam

Catalog Number: ab109464

Record Creation Time: 20231110T064101+0000

Record Last Update: 20260901T011159+0000

Ratings and Alerts

No rating or validation information has been found for Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887].

No alerts have been found for Glutamate Receptor 1 (AMPA subtype) (phospho S831) antibody [EPR1887].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lee SS, et al. (2025) Sleep need-dependent plasticity of a thalamic circuit promotes homeostatic recovery sleep. *Science (New York, N.Y.)*, 388(6753), eadm8203.

Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. *Neuroscience bulletin*.

Shi YQ, et al. (2024) A novel role for microtubule affinity-regulating kinases in neuropathic pain. *British journal of pharmacology*, 181(13), 2012.

Sun XY, et al. (2023) Two parallel medial prefrontal cortex-amygdala pathways mediate memory deficits via glutamatergic projection in surgery mice. *Cell reports*, 42(7), 112719.

Carvalho-Rosa JD, et al. (2023) Epileptiform activity influences theta-burst induced LTP in the adult hippocampus: a role for synaptic lipid raft disruption in early metaplasticity? *Frontiers in cellular neuroscience*, 17, 1117697.

Cui X, et al. (2022) Identification and characterization of long non-coding RNA Carip in modulating spatial learning and memory. *Cell reports*, 38(8), 110398.

Serpa A, et al. (2022) Opposing reduced VPAC1 and enhanced VPAC2 VIP receptors in the hippocampus of the Li2+-pilocarpine rat model of temporal lobe epilepsy. *Neurochemistry international*, 158, 105383.

Zhu YB, et al. (2020) Activation of CaMKII and GluR1 by the PSD-95-GluN2B Coupling-Dependent Phosphorylation of GluN2B in the Spinal Cord in a Rat Model of Type-2 Diabetic Neuropathic Pain. *Journal of neuropathology and experimental neurology*, 79(7), 800.

Zhang K, et al. (2019) CB1 agonism prolongs therapeutic window for hormone replacement in ovariectomized mice. *The Journal of clinical investigation*, 129(6), 2333.

Zhang Y, et al. (2017) Increased GSNOR Expression during Aging Impairs Cognitive Function and Decreases S-Nitrosation of CaMKII??. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(40), 9741.

Liu J, et al. (2017) Enhanced AMPA Receptor Trafficking Mediates the Anorexigenic Effect of Endogenous Glucagon-like Peptide-1 in the Paraventricular Hypothalamus. *Neuron*, 96(4), 897.